

| <b>Product information sheet for RVUs as per EU Regulation No. 1254/2014</b><br><b>Information requirements for RVUs as per EU Regulations No. 1253/2014</b><br><b>Heat recovery unit Zehnder ComfoAir Flex 350 HRV</b> |   |       |       |   |       |       |   |       |       |   |       |       |
|---|---|-------|-------|---|-------|-------|---|-------|-------|---|-------|-------|
| Supplier's name or trade mark   | Zehnder Group   |       |       | Zehnder Group   |       |       | Zehnder Group   |       |       | Zehnder Group   |       |       |
| Supplier's model identifier   | ComfoAir Flex 350 HRV                                 |       |       | ComfoAir Flex 350 HRV                                 |       |       | ComfoAir Flex 350 HRV                                 |       |       | ComfoAir Flex 350 HRV                                 |       |       |
| SEC [kWh/(m <sup>2</sup> a)] specific energy consumption (cold, average, warm)  | -76,9   | -38,5 | -13,8 | -77,7   | -39,1 | -14,4 | -79,8   | -40,9 | -16,0 | -83,1   | -43,6 | -18,3 |
| SEC Class   | A+  | A     | E     | A+  | A     | E     | A+  | A     | E     | A+  | A+    | E     |
| Type of ventilation unit  | Bidirectional RVU                                     |       |       | Bidirectional RVU                                     |       |       | Bidirectional RVU                                     |       |       | Bidirectional RVU                                     |       |       |
| Type of drive installed   | Multi-speed drive                                     |       |       | Multi-speed drive                                     |       |       | Variable speed drive                                  |       |       | Variable speed drive                                  |       |       |
| Type of heat recovery system  | Recuperative  |       |       | Recuperative  |       |       | Recuperative  |       |       | Recuperative  |       |       |
| Thermal efficiency [%]  | 90  |       |       | 90  |       |       | 90  |       |       | 90  |       |       |
| Maximum flow rate [m <sup>3</sup> /h]   | 350   |       |       | 350   |       |       | 350   |       |       | 350   |       |       |
| Electric power input [W]  | 138   |       |       | 138   |       |       | 138   |       |       | 138   |       |       |
| Sound power level [dB(A)]   | 48  |       |       | 48  |       |       | 48  |       |       | 48  |       |       |
| Reference flow rate [m <sup>3</sup> /s]   | 0,068   |       |       | 0,068   |       |       | 0,068   |       |       | 0,068   |       |       |
| Reference pressure difference [Pa]  | 50  |       |       | 50  |       |       | 50  |       |       | 50  |       |       |
| SPI [W/(m <sup>3</sup> /h)]   | 0,22  |       |       | 0,22  |       |       | 0,22  |       |       | 0,22  |       |       |
| Control factor and typology   | 1<br>Manual control                                   |       |       | 0,95<br>Clock-controlled                              |       |       | 0,85<br>Central demand control                        |       |       | 0,65<br>Local demand control                          |       |       |
| Declared maximum internal and external leakage rates [%]  | Internal: 0,5   |       |       | Internal: 0,5   |       |       | Internal: 0,5   |       |       | Internal: 0,5   |       |       |
|   | External: 1,5   |       |       | External: 1,5   |       |       | External: 1,5   |       |       | External: 1,5   |       |       |
| Mixing rate   | -   |       |       | -   |       |       | -   |       |       | -   |       |       |
| Position and description of visual filter warning   | Warning on the display of the unit or room controller |       |       | Warning on the display of the unit or room controller |       |       | Warning on the display of the unit or room controller |       |       | Warning on the display of the unit or room controller |       |       |
| Internet address for assembly and disassembly instructions  | www.international.zehnder-systems.com                 |       |       | www.international.zehnder-systems.com                 |       |       | www.international.zehnder-systems.com                 |       |       | www.international.zehnder-systems.com                 |       |       |
| Airflow sensitivity to pressure variations [%]  | -   |       |       | -   |       |       | -   |       |       | -   |       |       |
| Indoor/outdoor air tightness [m <sup>3</sup> /h]  | -   |       |       | -   |       |       | -   |       |       | -   |       |       |
| AEC [kWh/a] annual electricity consumption (cold, average, warm)  | 858   | 321   | 276   | 837   | 300   | 255   | 781   | 244   | 199   | 698   | 161   | 116   |
| AHS [kWh/a] annual heating energy saved (cold, average, warm)   | 8963  | 4582  | 2072  | 8995  | 4598  | 2079  | 9057  | 4630  | 2093  | 9182  | 4693  | 2122  |